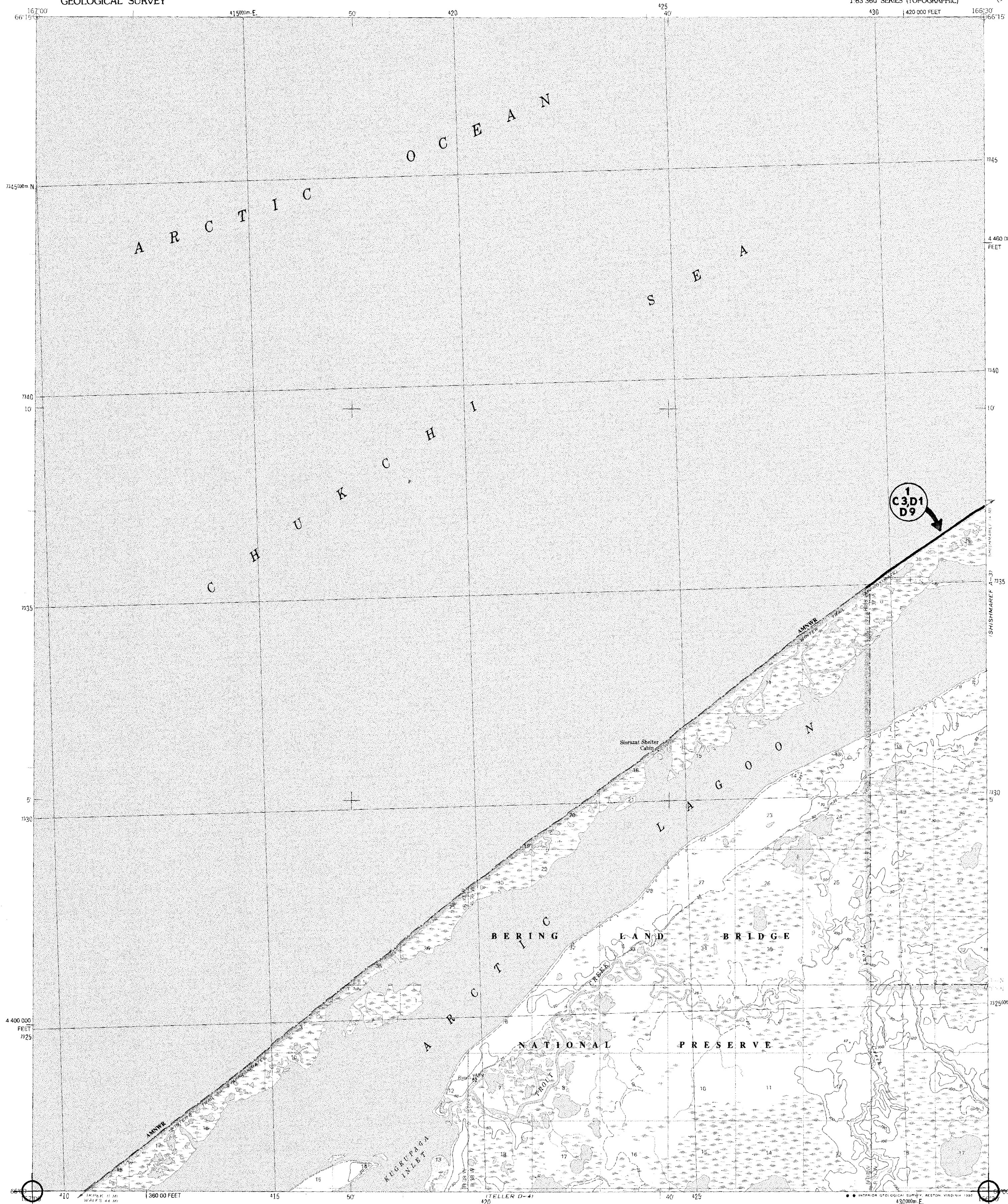
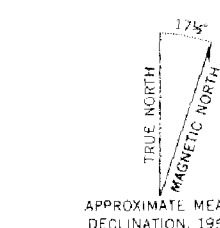


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SHISHMAREF (A-4) QUADRANGLE  
ALASKA  
1:63,360 SERIES (TOPOGRAPHIC)



Map by the Defense Mapping Agency  
Edited and published by the Geological Survey  
Control by USGS, NOS/NOAA, and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1949-1950. Map not field checked.  
Selected hydrographic data compiled from NOS/NOAA  
charts 16005, 16006, and 16000.  
This information is not intended for navigational purposes.  
Projection and 5000-meter grid  
Universal Transverse Mercator, zone 3  
20,000-foot grid ticks based on Alaska coordinate  
system, zone 8, 1927 North American Datum  
The difference between 1927 North American Datum and North  
American Datum of 1983 (NAD 83) for 7.5 minute intersections  
is given in USGS Bulletin 1875.  
Land lines represent unsurveyed and unmarked locations  
predetermined by the Bureau of Land Management  
Folio K-5, Kaseel River Meridian  
Swamps, as portrayed, indicate only the wetter areas.  
Usually of low relief, as interpreted from aerial photographs.  
Federal reservation boundaries established by the Alaska National  
Interest Lands Conservation Act, P. 96-487, Dec. 2, 1980, are  
shown as controlled by the administering agencies.



The Alaska Maritime National Wildlife Refuge consists of  
all the public lands in the coastal waters and adjacent  
slopes of Alaska consisting of islands, islets, rocks, reefs,  
capes and spires, as well as designated mainland areas.  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map.

SCALE 1:63,360  
CONTOUR INTERVAL 50 FEET  
DASHED LINES REPRESENT 25-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM 1929  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT  
FOR SALE BY U. S. GEOLOGICAL SURVEY  
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Trails  
Current to: 4-24-2001  
SHISHMAREF (A-4), ALASKA  
66165-A5-TF-063  
Shishmaref (A-4)